

# MANUFACTURING EXTENSION PARTNERSHIP

## Success Stories from the Field

### **EDLON, INC.**

Delaware Valley Industrial Resource Center

#### **Value Stream Map Reduces Cycle Time At Edlon**

##### **Client Profile:**

Edlon, Inc. was established in 1964 and is located in Avonale, Pennsylvania. The company is a leader among global suppliers of fluoropolymer-lined products. In addition to this location, the company also has a lined pipe fabrication plant in Charleston, West Virginia, and a research and development facility in West Chester, Pennsylvania. Edlon serves the semiconductor and biopharmaceutical industries, and employs less than 100 people.

##### **Situation:**

Edlon has experienced a steady growth in the production of tanks for the semiconductor industry. To continue this growth, the company felt it needed to identify and eliminate inefficiency in its production processes. Based on previous experience, the company felt a value stream map would be the best way to accomplish its goals. Edlon called in the Delaware Valley Industrial Resource Center (DVIRC), a NIST MEP network affiliate, to facilitate the development of a value stream map.

##### **Solution:**

DVIRC helped Edlon map the production process for its high-purity vessels by leading a group of seven staff members from a cross section of the company's management team. The team made a current state map by documenting every step in the production process. The two-day session lead to the creation of a future state map, which targeted areas for improvement. By implementing the changes outlined in the future state map, Edlon reduced production cycle time by 25 percent.

##### **Results:**

Increased sales by \$100,000.

Retained sales of \$1 million.

Saved \$50,000 in labor costs.

Made strategic investments in plant, equipment, and software totaling \$2.5 million.

##### **Testimonial:**

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